

FIG. 1

Alcal 910

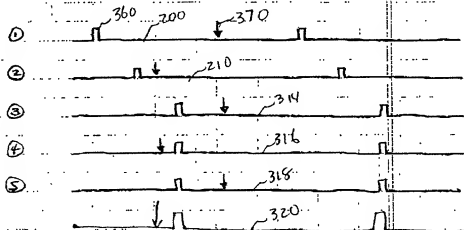
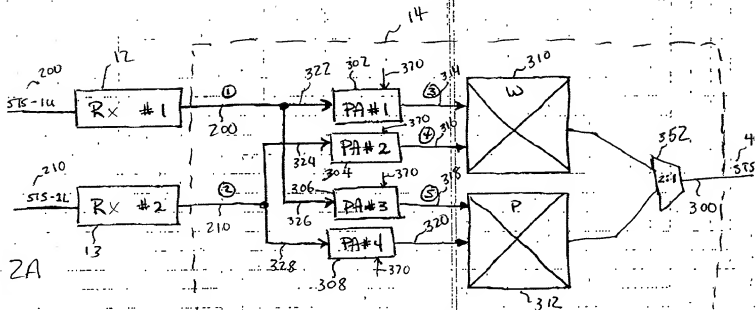


FIG. 2B

099065588.092601

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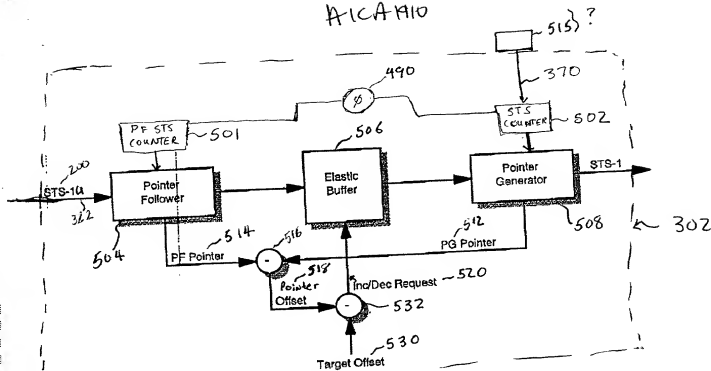
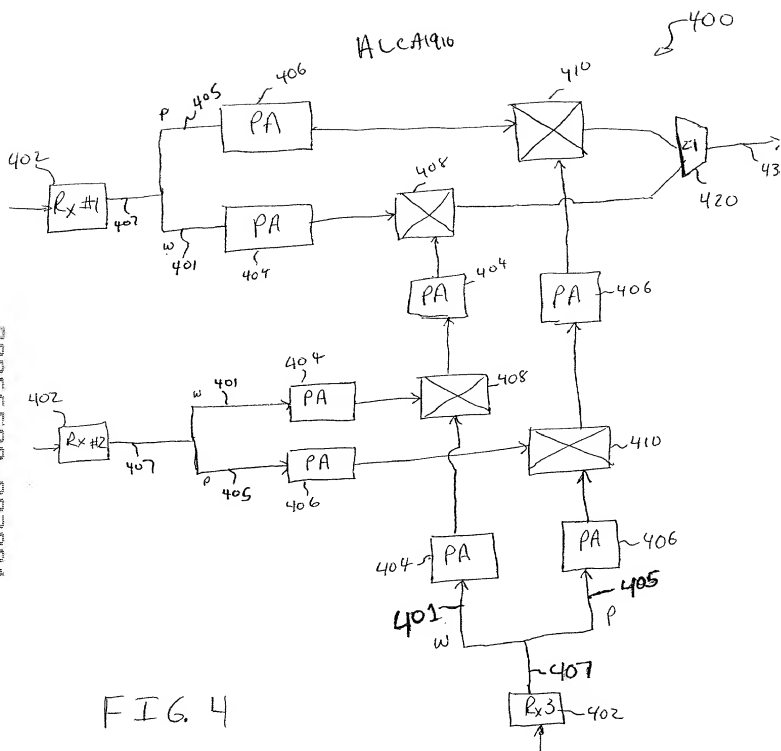


FIG. 3



710

START
switching
mode Architecture determined



720

System Architect determines the minimum and maximum STS-Offset that will be seen by the working and protect Pointer Address.



730

Software selects an appropriate Pointer Offset for the working & protect path such that the equations are satisfied:
(working and protect)

$$PTR_OFFSET - STS_OFFSET \Big|_{max} > DEPTH \Big|_{min}$$

$$PTR_OFFSET - STS_OFFSET \Big|_{min} < DEPTH \Big|_{max}$$



740

Software programs the ^{same} Pointer Offset into the working and protect Pointer Address.



750

A feedback mechanism in the Pointer Address ensures that the programmed Pointer Offset is always maintained.



760

Frame Alignment is achieved in the system while Pointer Alignment is maintained.

↓
(END) 770

FIG5

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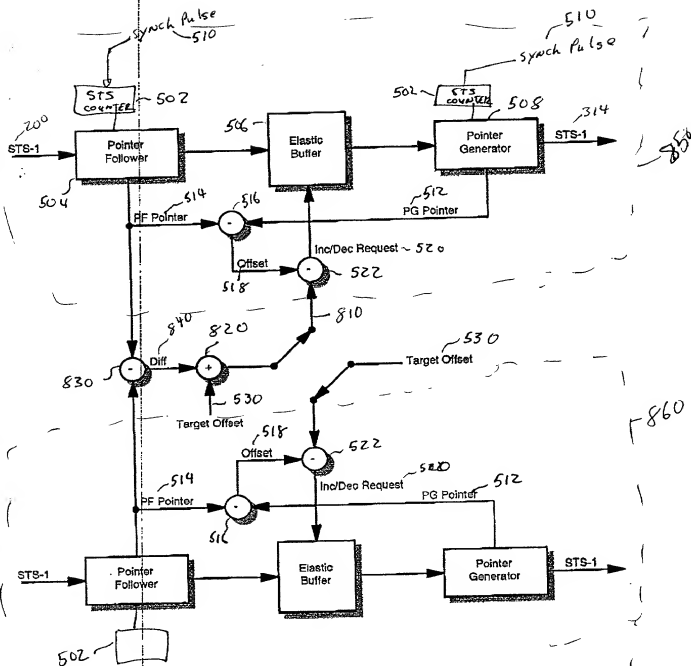


FIG. 6.